

Title: EGFR2 GENES AND GENE PRODUCTS  
Express Mail No. EL897871234US Serial No. 09/640,041  
Inventor(s): W. Michael Kavanaugh et al. Docket No. PP-01615.002/200130.503

APPROVED	O.G. FIG.
	CLASS/SUBCLASS
BY	
DRAFTSMAN	

hEGF2 seq	1 MPTDHEEPCGPSHKSFCLNGGLCYVIPTIPSPFCRCVENYTGARCEEVFLP	51
mEGF2 seq	1 MPTDHEQPCGPRHRSFCLNGGICYVIPTIPSPFCRCIENYTGARCEEVFLP	51
	***** * ***** *****	*****
hEGF2 seq	52 GSSIQTNSNLFEAFVALVLVTIIGAFYFLCRKGHFQRASSVQYDINLVE	102
mEGF2 seq	52 SSSIPSESNLSAAFVVLAVLLTIAALCFLCRKGHLQRASSVQCEISLVE	102
	*** *** *** **** * * * *****	***** * ***
hEGF2 seq	103 TSSTSAAHSHEQH	115
mEGF2 seq	103 TNNTRTRHSHREH	115
	* * *** *	

*Fig. 1*

Title: EGFH2 GENES AND GENE PRODUCTS  
Express Mail No. EL897871234US Serial No. 09/640,041

Inventor(s): W. Michael Kavanaugh et al. Docket No. PP-01615.002/200130.503

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
	DRAFTSMAN

Sequence Range: 1 to 348

ATG CCA ACA GAT CAC GAA GAG CCC TGT GGT CCC AGT CAC AAG TCG TTT TGC  
TAC GGT TGT CTA GTG CTT CTC GGG ACA CCA GGG TCA GTG TTC AGC AAA ACG  
  
CTG AAT GGG GGG CTT TGT TAT GTG ATA CCT ACT ATT CCC AGC CCA TTT TGT  
GAC TTA CCC CCC GAA ACA ATA CAC TAT GGA TGA TAA GGG TCG GGT AAA ACA  
  
AGG TGC GTT GAA AAC TAT ACA GGA GCT CGT TGT GAA GAG GTT TTT CTC CCA  
TCC ACG CAA CTT TTG ATA TGT CCT CGA GCA ACA CTT CTC CAA AAA GAG GGT  
  
GGC TCC AGC ATC CAA ACT AAA AGT AAC CTG TTT GAA GCT TTT GTG GCA TTG  
CCG AGG TCG TAG GTT TGA TTT TCA TTG GAC AAA CTT CGA AAA CAC CGT AAC  
  
GCG GTC CTA GTA ACA CTT ATC ATT GGA GCC TTC TAC TTC CTT TGC AGG AAA  
CGC CAG GAT CAT TGT GAA TAG TAA CCT CGG AAG ATG AAG GAA ACG TCC TTT  
  
GGC CAC TTT CAG AGA GCC AGT TCA GTC CAG TAT GAT ATC AAC CTG GTA GAG  
CCG GTG AAA GTC TCT CGG TCA AGT CAG GTC ATA CTA TAG TTG GAC CAT CTC  
  
ACG AGC AGT ACC AGT GCC CAC CAC AGT CAT GAA CAA CAC TGA  
TGC TCG TCA TGG TCA CGG GTG GTG TCA GTA CTT GTT GTG ACT

*Fig.* 2

● Title: EGFH2 GENES AND GENE PRODUCTS  
Express Mail No. EL897871234US Serial No. 09/640,041  
Michael Kavanaugh et al. Docket No. PP-01615.002/200130.503

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
	DRAFTSMAN

Sequence Range: 1 to 348

25 50

ATG CCA ACA GAT CAC GAG CAG CCC TGT GGT CCC AGG CAC AGG TCA TTT TGC  
TAC GGT TGT CTA GTG CTC GTC GGG ACA CCA GGG TCC GTG TCC AGT AAA ACG

75 100  
CTC AAT GGG GGG ATT TGT TAT GTG ATC CCT ACT ATC CCC AGC CCA TTC TGT  
GAG TTA CCC CCC TAA ACA ATA CAC TAG GGA TGA TAG GGG TCG GGT AAG ACA

125 150  
AGG TGC ATT GAA AAT TAC ACC GGA GCA CGC TGC GAA GAG GTT TTT CTC CCA  
TCC ACG TAA CTT TTA ATG TGG CCT CGT GCG ACG CTT CTC CAA AAA GAG GGT

175 200  
AGC TCC AGC ATC CCA AGC GAA AGT AAT CTG TCG GCA GCT TTC GTG GTG CTG  
TCG AGG TCG TAG GGT TCG CTT TCA TTA GAC AGC CGT CGA AAG CAC CAC GAC

225 250  
GCG GTC CTC CTC ACT CTT ACC ATC GCG GCG CTC TGC TTC CTG TGC AGG AAG  
CGC CAG GAG GAG TGA GAA TGG TAG CGC CGC GAG ACG AAG GAC ACG TCC TTC

275 300  
GGC CAC CTT CAG AGG GCC AGT TCA GTC CAG TGT GAG ATC AGC CTG GTA GAG  
CCG GTG GAA GTC TCC CGG TCA AGT CAG GTC ACA CTC TAG TCG GAC CAT CTC

325

*Fig. 3*

Title: EGFH2 GENES AND GENE PRODUCTS  
Express Mail No. EL897871234US Serial No. 09/640,041  
Inventor(s): W. Michael Kavanaugh et al. Docket No. PP-01615.002/200130.503

APPROVED	O.G. FIG.
	CLASS
	SUBCLASS
BY	
DRAFTSMAN	

<u>Sample</u>	<u>Experiment 1</u>	<u>Experiment 2</u>
2 (antisense)	0/9	0/10
3 (sense)	3/9	8/8
4 (sense)	7/7	11/11

*Fig. 4*